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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/809,578 | 03/14/2001 | Hawley Rising III | SONY-50P3814.01 | 5897 |

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EXAMINER

FILIPCZYK, MARCIN R

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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DATE MAILED: 04/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/809,578

Applicant(s)

RISING ET AL.

Examiner

Marc R Filipczyk

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☒ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

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DETAILED ACTION

This action is in response to application filed on March 14, 2001 in which claims 1-35 are presented for examination.

Oath/Declaration

An Oath/Declaration is objected by the Examiner because a signature of the second inventor is missing. An appropriate signed and dated form for all the inventors is requested.

Specification

The title of the invention is descriptive but is lengthy. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: Generating semantic descriptions for content data.

Claim Rejections - 35 USC § 112

The following is a quotation of the **first paragraph** of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-35 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Regarding claims 1, 10, 19 and 28, "retrieving one or more of a plurality of component semantic descriptions stored remotely" and "associated with content data" is unclear how exactly

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the separately stored descriptions of components are associated with one another. Second, the segment "generating said semantic description using said one or more component semantic descriptions" is not described in the claims or specification in such a way as to enable one skilled in the art to which it pertains to make and/or use the invention. Is a new description generated? How is a description generated?

Regarding claims 2-9, 11-18, 20-27 and 29-35 depend from claims 1, 10, 19 and 28 respectively, and therefore contain the informalities of those claims.

Claim Rejections - 35 USC § 112

The following is a quotation of the **second paragraph** of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-35 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claims 1, 10, 19 and 28, some descriptions are retrieved, how are others generated? Further, the phrase "component semantic descriptions" is indefinite. What is a component? What is the semantic of a component? What are the descriptions of?

Regarding claims 2-9, 11-18, 20-27 and 29-35 depend from claims 1, 10, 19 and 28 respectively, and therefore contain the informalities of those claims.

Claim Rejections - 35 USC § 102

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The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 1-35 rejected under 35 U.S.C. 102(e) as being anticipated by Vaithilingam et al. (hereinafter Vait) (U.S. Patent No. 6,411,724).

Regarding claims 1, 6, 10, 15, 19, 24, 28 and 32, Vait discloses a method/system of forming a semantic description for content data, comprising the steps of: (title)

Retrieving plurality of component semantic descriptions (col. 2, lines 50-64) stored remotely from the content data (col. 3, lines 28 and 29) according to reference information associated with the content data; (fig. 1) and

Generating a semantic description using some component semantic descriptions and reference information (fig. 2, block 110).

Regarding claims 2, 3, 11, 12, 20, 21, 29 and 30, Vait discloses modifying and extracting one or more component semantic descriptions to generate the semantic description (col. 10, lines 33-36).

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Regarding claim 4, 13, 22 and 31, Vait discloses combining one or more component semantic descriptions to generate the semantic description (col. 10, lines 26 and 27).

Regarding claim 5, 14 and 23, Vait discloses the method of claim 1 is performed in response to a request for said semantic description (col. 2, lines 39-49).

(Note: query is a request)

Regarding claims 7, 8, 16, 17, 25, 26, 33 and 34, Vait discloses an internet network and using URIs to each component semantic description stored on the internet to facilitate access (col. 8, lines 47-52).

(Note: URL link along with a primary key identifier is equivalent to a URI's function)

Regarding claim 9, 18, 27 and 35, Vait discloses component semantic descriptions are stored in a control dictionary (col. 6, lines 58-65 and col. 7, lines 2-8).

(Note: a predefined, updateable standard notation stored in a controlled facility is a control dictionary)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc R Filipczyk whose telephone number is 703-305-7156. The examiner can normally be reached on Mon-Fri, 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone numbers for the

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organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

MF

April 2, 2003



SAFET METJAHIC
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TECHNOLOGY CENTER 2100